

Office of Building & Fire Code Administration City of Alexandria, Virginia

| Residential Design Criteria | | | | | | | | | | |
|-----------------------------|------------|-------------------------|---------------------------|------------------|-------------------|---------------------------|-----------------------------------|------------------------------------|--------------------|-------------------------|
| Ground Snow Load | Wind Speed | Seismic Design Category | Subject to Damage From | | | Winter Design Temperature | Ice Barrier Underlayment required | Flood Hazard | Air Freezing Index | Mean Annual Temperature |
| | | | Weathering (for Concrete) | Frost-line Depth | Termite | | | | | |
| 25 #/ft ² | 90 MPH | B | Severe | 24" | Moderate to Heavy | 17° | No | NFIP (08/22/69) FIRM (05/15/91) | 250 | 56 |

| Commercial Design Criteria | | | | | |
|----------------------------|------------|--|-------------------|------------|------------|
| Ground Snow Load | Wind Speed | Seismic – Spectral Response Acceleration | | Weathering | Frost Line |
| | | S _s %g | S ₁ %g | | |
| 25 #/ft ² | 90 MPH | 20% | 7% | Severe | 24" |